

# Work Order ID 70289

Thursday, June 02, 2011 1:26:02 PM



Page 1

Item ID: D412-704-041

Accept



Setup Start



Revision ID:

Item Name: Pedal Assembly (205/212/214/412)

Stop



Start Date: 6/9/2011 Start Qty: 3.00



Required Date: 6/17/2011 Req'd Qty: 3.00



Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: 

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID Tool # Plan  
Code Accept Reject Reject Insp.  
Qty Qty Number Stamp

Draw Nbr

Revision Nbr

D412-704-041

Rev A

100

0.00



Small Fab

Small Fab

Memo

0.00

Small Fab

Assemble pedal as per Dwg D412-704-041  
Tighten & Torque Bolts as per Dwg D412-704-041

110

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

120

Pick Kit

0.00

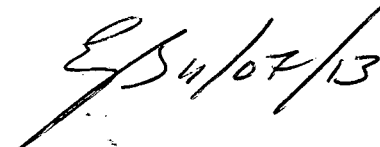


Packaging

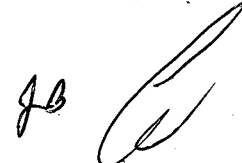
Memo

0.00

Packaging

 6/5/07/13 (3)

(FS)



11/07/13

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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Page 2

Item ID: D412-704-041

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Setup Start



Revision ID:

Stop



Item Name: Pedal Assembly (205/212/214/412)

Start Date: 6/9/2011 Start Qty: 3.00



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Required Date: 6/17/2011 Req'd Qty: 3.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

130

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

8/10/13



140

Identify as per dwg & Stock Location: \_\_\_\_\_

0.00



Packaging

Memo

0.00

Packaging

PPD  
7/7/24

6/17/13 (3)

150

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

6/17/14

6/10/14

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# Picklist Print

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Page 1

Work Order ID: 70289

Parent Item: D412-704-041

Parent Item Name: Pedal Assembly (205/212/214/412)




Start Date: 6/9/2011

Required Date: 6/17/2011

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP Rev:BI 05.01.28 Removed hardware on Step 2: Added Figures 1-3 KJ/RF  
 IPP Rev:CI 06.03.08 Re-format EC  
 IPP Rev:D 07-03-20 Added Dwg D412-704-041 07-03-20 JLM  
 IPP Rev:E 07.05.02 Reformat EC  
 IPP Rev:F 08-10-08 as per revB DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3-10A  Bolt		Purchased	No			100	Each	193.0000	1	3			
<div> <div>Location</div> <div>ST351</div> <div>117313</div> <div>117795</div> </div> <div> <div>Loc Qty</div> <div>193</div> <div>59</div> <div>134</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> <div></div> </div>													
AN315-4R  Nut		Purchased	No			100	Each	53.0000	1	3			
<div> <div>Location</div> <div>ST324</div> <div>17566</div> </div> <div> <div>Loc Qty</div> <div>53</div> <div>53</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> </div>													
AN3-6A  Bolt		Purchased	No			120	Each	366.0000	2	6			
<div> <div>Location</div> <div>ST351</div> <div>116704</div> <div>117441</div> </div> <div> <div>Loc Qty</div> <div>366</div> <div>66</div> <div>300</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> <div></div> </div>													

ES 11/07/13

ES 11/07/13

ES

11/07/13

116704

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Page 2

Work Order ID: 70289

Parent Item: D412-704-041

Parent Item Name: Pedal Assembly (205/212/214/412)

Start Date: 6/9/2011

Required Date: 6/17/2011

Start Qty: 3.00

Required Qty: 3.00

AN4-10A



Bolt

Purchased

No

100

Each

192.0000

1

3



Location

Loc Qty

Loc Code

ST356

192

116419

17

117313

50

117619

125

3

AN4-12A



Bolt

Purchased

No

100

Each

205.0000

2

6



Location

Loc Qty

Loc Code

ST357

205

115422

105

117508

100

6

AN4-13A



Bolt

Purchased

No

100

Each

136.0000

1

3



Location

Loc Qty

Loc Code

ST357

136

117628

136

M118078

3x

AN960JD10

NAS1149D0363J

Purchased

No

100

Each

0.0000

5

15



Washer

M117291

AN960JD10L

NAS1149D0332J

Purchased

No

120

Each

0.0000

4

12



Washer

~~M118078~~

118078

11/07/13

AN960JD416

NAS1149D0463J

Purchased

No

100

Each

0.0000

11

33



Washer

M117591 33x

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Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Page 3

Work Order ID: 70289

Parent Item: D412-704-041

Parent Item Name: Pedal Assembly (205/212/214/412)

Start Date: 6/9/2011

Required Date: 6/17/2011

Start Qty: 3.00

Required Qty: 3.00

AN960JD416L

NAS1149D0416J

Purchased

No

100

Each

3.0000

3

9



Washer

Location

Loc Qty

Loc Code

FP-B

3

110153

3

100

Each

2.0000

1

3

D3204-041

Manufactured

No



Release Pedal Assembly

Location

Loc Qty

Loc Code

GA

2

64815

2

100

Each

2.0000

1

3

D3205-1

Manufactured

No



Pedal Bracket

Location

Loc Qty

Loc Code

GA

2

64816

2

100

Each

0.0000

1

3

D3205-3

Manufactured

No



Back Plate

D3206-1

Manufactured

No



Pedal Arm

Location

Loc Qty

Loc Code

GA

3

55732

3

100

Each

3.0000

1

3

B69626

EP 11/07/13

EP 11/07/13

EP 11/07/13

EP 11/07/13

EP 11/07/13

M116513 (9X)

B70297 (3X)

B70127 (3X)

B55763 (1X)

B70302 (2X)

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Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 70289

Parent Item: D412-704-041

Parent Item Name: Pedal Assembly (205/212/214/412)

Start Date: 6/9/2011

Required Date: 6/17/2011

Start Qty: 3.00

Required Qty: 3.00

D3209-041

Manufactured No

100 Each

3.0000

1

3



Bracket Assembly

Location

Loc Qty

Loc Code

GA

3

60295

1

65154

2

MS21042L3

Purchased No

100 Each

2,533.000

1

3



Nut

Location

Loc Qty

Loc Code

ST300

2533

116391

11

116540

56

116549

766

117441

800

117601

400

117885

500

MS21042L3

Purchased No

120 Each

2,533.000

2

6



Nut

Location

Loc Qty

Loc Code

ST300

2533

116391

11

116540

56

116549

766

117441

800

117601

400

117885

500

EP 11/07/13

B70301

EP 11/07/13

3  
6

JB

116549

11/07/13

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Page 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Thursday, June 02, 2011 1:25:59 PM

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Work Order ID: 70289

Parent Item: D412-704-041

Parent Item Name: Pedal Assembly (205/212/214/412)

Start Date: 6/9/2011

Required Date: 6/17/2011

Start Qty: 3.00

Required Qty: 3.00

MS21042L4

Purchased

No

100

Each

5,801.000

5

15



Nut

## Location

## Loc Qty

## Loc Code

ST300

5801

116823

501

117441

3000

117601

800

117885

1500



EP 11/07/13

MS24694-S102

Purchased

No

100

Each

48.0000

1

3



Screw

## Location

## Loc Qty

## Loc Code

ST288

48

114382

48



EP 11/07/13

MS9519-10

Purchased

No

100

Each

36.0000

1

3



Bolt

## Location

## Loc Qty

## Loc Code

ST296

36

100290

36



EP 11/07/13

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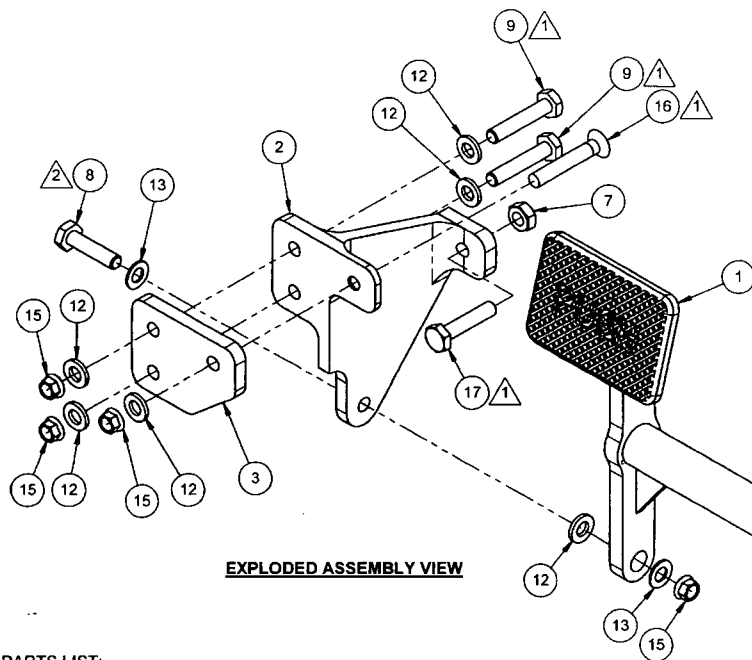
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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**EXPLODED ASSEMBLY VIEW**

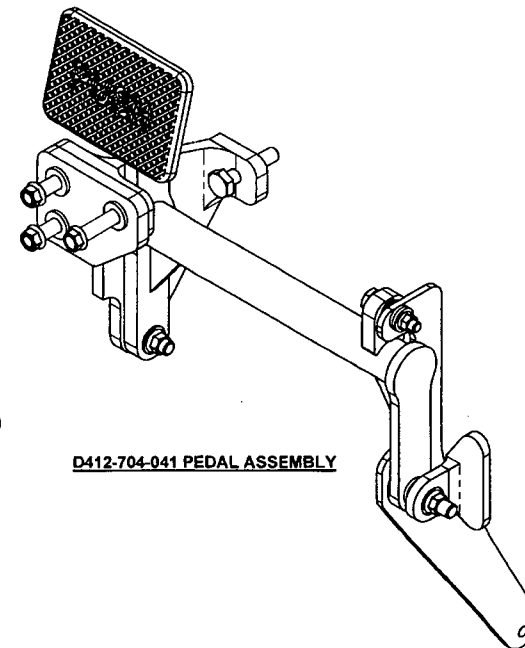
**PARTS LIST:**

ITEM	QTY	P/N	DESCRIPTION
-	X	D412-704-041	PEDAL ASSEMBLY
1	1	D3204-041	PEDAL WELDMENT
2	1	D3205-1	PEDAL BRACKET
3	1	D3205-3	BACK PLATE
4	1	D3206-1	PEDAL ARM
5	1	D3209-041	BRACKET ASSEMBLY
6	1	AN3-10A	BOLT
7	1	AN315-4R	NUT
8	1	AN4-10A	BOLT
9	2	AN4-12A	BOLT
10	1	AN4-13A	BOLT
11	5	AN960JD10	WASHER
12	11	AN960JD416	WASHER
13	3	AN960JD416L	WASHER
14	1	MS21042L3	NUT (OR MS21042-3)
15	5	MS21042L4	NUT (OR MS21042-4)
16	1	MS24694-S102	SCREW
17	1	MS9519-10	BOLT
N/A*	2	AN3-6A	BOLT
N/A*	4	AN960JD10L	WASHER
N/A*	2	MS21042L3	NUT (OR MS21042-3)

\* SHIPPED LOOSE WITH -041 KIT (NOT PRE-ASSEMBLED AT DART)

**NOTES:**

- 1 INSTALL IDENTIFIED FASTENERS LOOSE (HAND TIGHTEN ONLY).
- 2 TIGHTEN IDENTIFIED FASTENERS UNTIL SNUG. ENSURE THAT PARTS CAN STILL ROTATE.
- 3 TORQUE IDENTIFIED FASTENERS TO 15-25 in-lbs (1.7-2.8 N-m).



**D412-704-041 PEDAL ASSEMBLY**

*WLO 70209*

**RELEASED**

07.01.23

A	07.01.23	NEW ISSUE	DESCRIPTION
REV	DATE	DESIGN	DRAWN BY
DESIGN	C.B.	C.B.	
CHECKED	C.E.	APPROVED	
DATE	07.01.23	TITLE	PEDAL ASSEMBLY
		DART AEROSPACE LTD	
		HAWKESBURY, ONTARIO, CANADA	
		DRAWING NO.	D412-704-041
		REV. A	SHEET 1 OF 1
		SCALE	1:2

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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